ASSEMBLY & USER MANUAL

GOLDMUND REFERENCE II

Turntable

Congratulations.

Thank you for purchasing the GOLDMUND Reference II Turntable.

You have acquired a highly exclusive and refined limited series product holding a number of new features that have never been experienced before. Please take some time to read this manual. It will provide you with useful information to make your pleasure of using the Reference II Turntable even higher.

INTRODUCTION

GOLDMUND REFERENCE II Turntable

Goldmund was founded in 1978 and has ever since been dedicated to the accurate reproduction of sound and image.

At Goldmund, we strive to lead in the creation, development and manufacture of the industry's most advanced technologies, including audio and video systems, home - networking and music distribution.

The guiding principle at Goldmund is to produce a precise sound with the least possible loss of quality through the different stages. Goldmund will never adopt a technology before it is sufficiently developed to satisfy the high quality standards we set. This is why Goldmund has often rejected mainstream technologies and developed its own.

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W A R N I N G !

The Goldmund Reference II you just purchased represents a summit in terms of design, concept and quality of reproduction.

Therefore, great care should be taken before attempting to put the unit together. Read the instruction manual carefully. This will eliminate the risk of damage or loss in performance.

PLEASE READ THE INSTALLATION MANUAL COMPLETELY PRIOR TO INSTALLATION.

PLEASE DO NOT CONNECT ANY CABLES OR MOVE ANY PART BEFORE READING THE FOLLOWING INSTRUCTIONS.

OBSERVE GENERAL ELECTRICAL SAFETY PRECAUTIONS PARTICULARY WITH REGARD TO AVOIDING WATER, MOISTURE AND HEAT. TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVERS AND REFER SERVICING TO QUALIFIED PERSONNEL.

WARNING!

PLEASE READ INSTALLATION MANUAL COMPLETELY PRIOR TO INSTALLATION.

3 PERSONS ARE NECESSARY TO INSTALL THIS TURNTABLE

1 UNPACKING

Your turntable is shipped in 4 separate wood boxes labeled 1 to 4 and 1 carton box labeled 5:
- Box 1: the base (feet assembly)
- Box 2: the table top
- Box 3: the tripod
- Box 4: all mechanical parts to be assembled
- Box 5: the power supply

The electronic control box is already assembled under the table top.

ATTENTION

Please keep the packaging in case you need to transport the turntable at a later date or if you have to send it for maintenance.

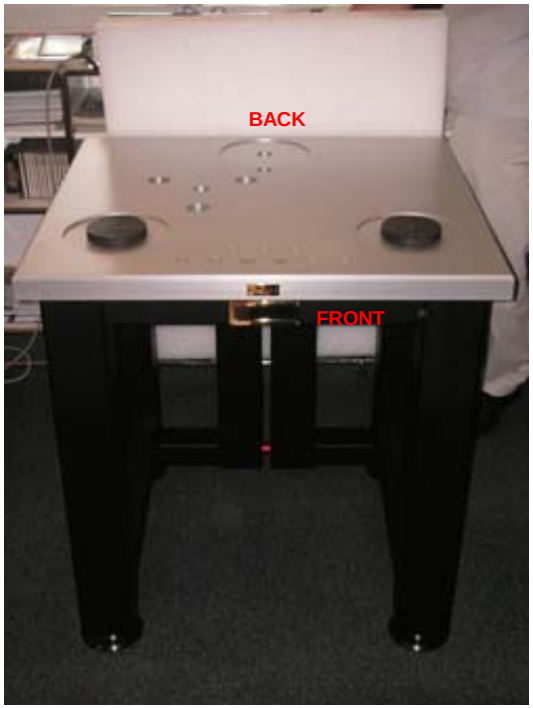
This packaging has been designed specifically to protect the Reference II turntable in transit. Use of alternative packaging is likely to result in damage, invalidating warranty.

2 CHOICE OF TURNTABLE LOCATION

Due to the total weight of your turntable (300kg), please choose the definitive location of your turntable in order to install it on site.

Locate the player on a support providing the most rigid possible connection to the floor. Solid coupling is essential, and if your support is standing on a suspended floor, at least one foot should be located over a supporting beam or close to a supporting wall for an optimal result.

3 TURNTABLE ASSEMBLY



STEP 1

Box 1: the base (feet assembly)

Unscrew and remove the top of the wood box n°1.
Remove the protection cover.
Unscrew and remove a side of the wood box.

Free the feet base and position it at its definitive location, the red bar on the back.

Note:
Make sure the small screen is facing toward the front, with both central pointes bolt on the back.

STEP 2

Box 2: the Table top

Unscrew and remove the top cover of the wood box n°2.
Remove the protection cover,
Mount the table top on the base with the control panel keyboard facing the front.
Then, unscrew the cover hiding of the electronics cables below the table.
Free the control panel cables from the base bottom and run all cables through base.

STEP 3

Box 3: Tripod

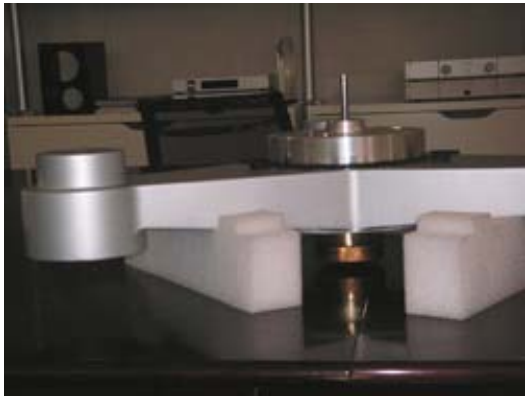
Unscrew and remove the top cover of the wood box n°3.
Remove the protection cover.
Remove the 3 cylindrical weights sitting on top of the tripod feet.

STEP 4

Box 3: Tripod

Unscrew the tripod from its 3 feet.

Keep the 3 screws that you will use back at the end of the assembly.



STEP 5

Box 3: Tripod

Free the tripod assembly from the box and set it on 3 temporary supports like foam rubber or books, leaving the center free.

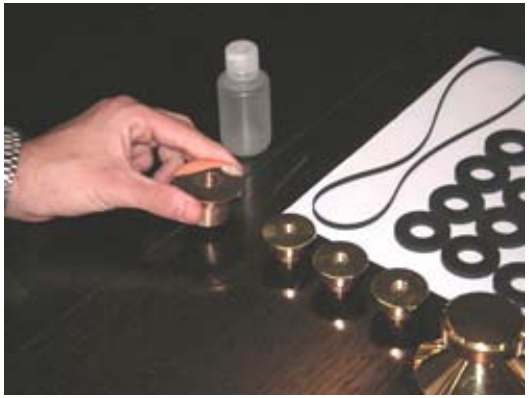
STEP 6

Box 3: Tripod

In the box n°3, you will find the 3 cylinder feet of the tripod.

Please take one cylinder foot to position it at the front left position.
Be carful to select the foot with the correct basis (check the bottom of the foot).

Repeat the operation for the front right cylinder foot.



Box 4: Various Parts

In the box n°4, you will find:

- 1 platter
- 1 motor bloc
- 1 belt
- 12 rubber seals
- 1 large golden insert
- 3 small golden insert
- 1 clamp
- 1 small oil bottle

STEP 7

Box 4: Various Parts

Take the large golden insert.

STEP 8

Position it in the center of the third cylinder foot position.

STEP 9

Box 3: the tripod

In the box n°3, take the last cylinder foot.
Check if its design is the same as the one shown on the left picture.

Position it in the bottom of the third cylinder foot position, passing the axe through the hole.

The 3 cylinder feet are positioned.

STEP 10

Adjust the 3 springs:
Turn the springs has shown.

Too High

Too low

Correct position

STEP 11

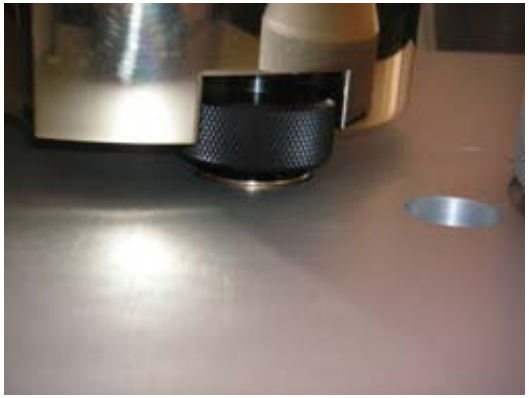
Take 4 rubber seals and insert them in one of the 3 holes on the table: 4 rubber seals per hole.

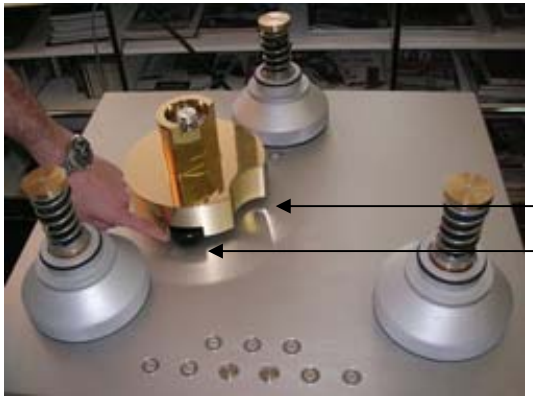
Repeat the operation for both other holes.

STEP 12

When the seals are positioned, place 1 golden insert in the hole.

Repeat the operation for both other holes.





STEP 13

For this step, you need to be 2 persons.
One person take carefully the motor block by its basis and keep in above the 3 holes with the golden insert, as shown on the picture.
The other person runs the cables trough the central hole and leave them hanging

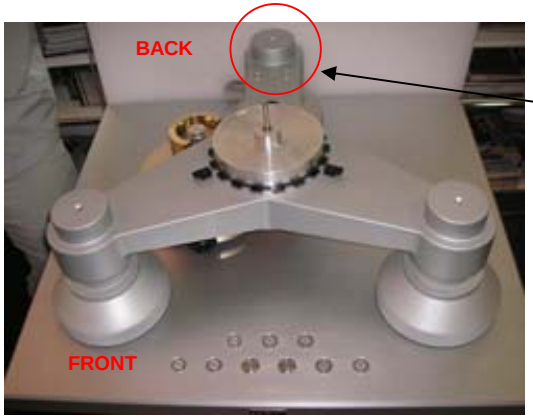
Then the first person can mount the motor on the table, making each black serrated knurl facing its golden insert.

ATTENTION:

Please check the motor and the motor black knurl is in the same position as the one shown on the picture.

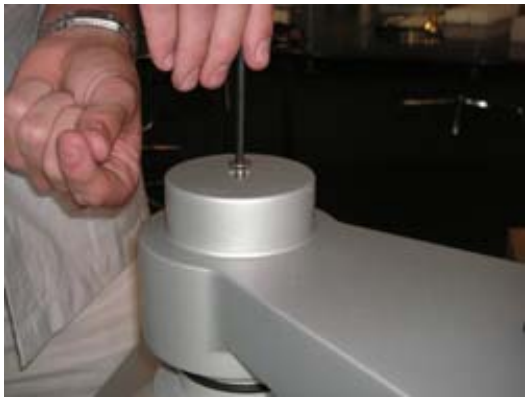
STEP 14

Take the tripod and mount it as shown on the left picture:
The arm with the 4 small holes should be directing towards the rear foot of the turntable.



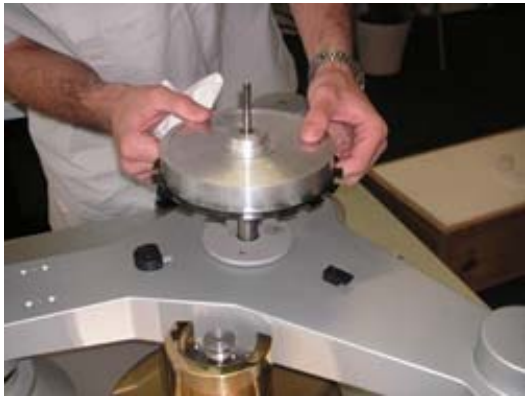
ATTENTION:

Please check the tripod is well positioned.



STEP 15

Screw, but not over-tight, the tripod to the feet with the 3 screws dismounted at the beginning of the assembly (see STEP 4).



STEP 16

Remove carefully the axis from the tripod.

STEP 17

Add some oil contained in the bottle in the axis shaft.

IMPORTANT:
After this step, make sure you clean your hands from any oil.

STEP 18

Reinsert the axis with extreme care into the shaft assembly.
Make the axis descend extremely slowly.

STEP 19

Mount the belt around the axis wheel and the motor pulley as shown on the pictures.

Check that the belt is flat against drive wheel and motor pulley.

STEP 20

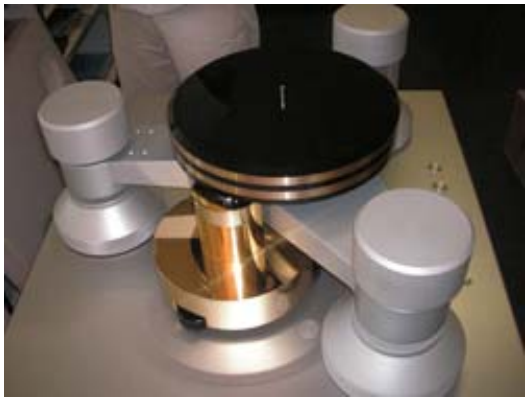
Mount the platter on the center axis.
This should be done with great care and the platter must be set in position very slowly.

IMPORTANT
The platter shouldn't at any time be dropped or shocked.
Take great care since the platter is very heavy.

Note:
To remove the platter, help may be required. Platter can be removed by pulling straight up slowly. A second person may have to push on the central spindle to ease the process.

STEP 21

Set the 3 large finish cylinders.
Adjust height and lower the tripod assembly by turning the large adjustment cylinders.
Level the tripod assembly using a bubble level.
Repeat the operation if necessary.



STEP 22

Put the 3 top cylinders on the tripod.

STEP 23

Check the level of the table top first, then the platter with a bubble level.
If needed, repeat step 21 with the platter positioned.

STEP 24

Box 5

Please remove the power supply from its box and position it nearby the turntable.
Then take the connector cable and plug it to the power supply.
Plug the second extremity to into the turntable right central foot base's socket.

4 AMPLIFIER CONTROLS

The Goldmund Reference II can be used with most existing ton arms, both pivoting and straight-line.

Up to three tone arms may be assembled on the turntable.
Even if the Goldmund T8 tone arm is installed, two additional pivoting arms may be used.

Goldmund provides upon request various basis for the most common tone arm lengths available.
Please consult your Goldmund representative for any further information.

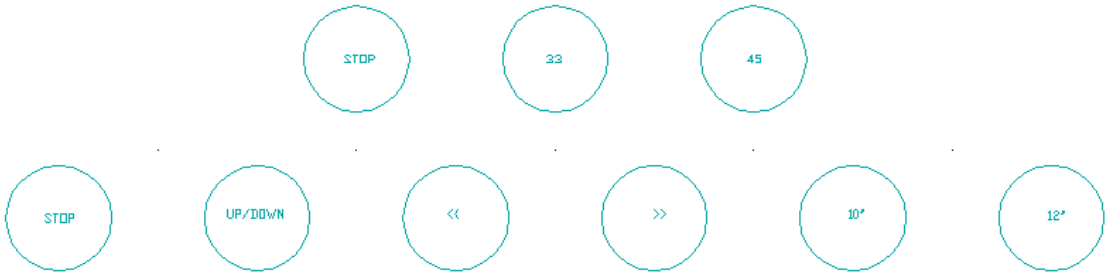
To assemble the Goldmund T8 tone arm, please refer to the tone arm assembly manual.

5 USER INSTRUCTIONS

Now your turntable is assembled, you can start using it:

1- Switch on the power supply
2- Unscrew the clamp and remove it very carefully.
3- Position the record to play
4- Re-mount the clamp carefully; tighten it holding its basis.
5- Select the speed corresponding to the disc:
   - For 33T: press the button “33”
   - For 45T: press the button “45”
   - For 78T: optional (Please contact your local Goldmund distributor).
6- Position the tone arm on the record
7- To stop the turntable, press the button “STOP” after removing the tone arm.

We recommend leaving the turntable run for a few hours in order to stabilize its performance.



Note: the bottom line of keys is dedicated to the Goldmund T8 tone arm use. (See separate user manual).

6 CLEANING & MAINTENANCE

There is no special maintenance to be done on your turntable. Clean with dust free soft cloth.
Drive wheel and motor pulley may be cleans after months of use or if abnormal speed variation occurs.

Note: Clean with Isopropyl Alcohol only. Belt may be changed after heavy use, especially if it becomes too hard and does not grip enough on the pulley.

WARNING!

Always turn the power off on the power supply before cleaning your turntable.

All enquires relating to product servicing and operation should be referred to the local authorized retailer supplying and supporting your Goldmund equipment.

RUNNING-IN TIME
The Goldmund Reference II shaft and axis are machined with extreme precision. The optimal performance can only be reached after approximately 100 hours of use, despite the initial working period of 50 hours processed at the factory.